

CLAIMS

1. A mould for culinary preparations, involving a supple hollow piece (1a) in an elastomer material with a lower part with a bottom wall (2) from where a side wall (3) stands up with the upper edge defining an opening (5), wherein it also includes a rigid stiffener (11, 11a, 11b etc.) located on the lower part of the hollow piece, to stabilize the shape of the bottom (2) and / or to ease the turning out of the culinary preparation, during which the side wall (3) is bent.

2. A mould according to claim 1, wherein the aforementioned rigid stiffener (11) includes at least one annular or approximately annular retaining ring, connected to the bottom wall and located near the junction between this bottom and the side wall (3).

3. A mould according to claims. 1 or 2, wherein the aforementioned rigid stiffener (11a, 11b etc.) is actually a plate located at the bottom (2) of the mould.

4. A mould according to claim 3, wherein the bottom plate extends at its external periphery approximately to the meeting point of the bottom and the side wall (3) and, internally, preferably to the center of the bottom, thus occupying at least most of the surface of the bottom.

5. A mould according to one of the previous claims, wherein the aforementioned stiffener (11, 11a, 11b, 11c etc.) includes in its constitution either a metal material or a hard plastic.

6. A mould according to claim 3 or one of the other claims related to it, wherein this plate (11, 11a, 11b etc.) is embedded in the material constituting the hollow piece (1a).

7. A mould according to claim 3 or one of the other claims related to it, wherein the material of the plate (11b etc.) is lined, on at least one of its sides, with a non-stick coating (21) visible internally on the bottom of the mould.

8. A mould according to claim 3 or one of the other claims related to it, wherein the plate is connected by moulding to the hollow piece (1a) by its periphery or is secured in a peripheral groove (150) of the hollow piece.

9. A mould executed according to claim 3 or one of the other claims related to it, wherein the side wall (3) of the hollow piece (10a) defines, at the location of this lower part, the perimeter of a base surface of this hollow piece in which a only a part is occupied by its bottom wall (35b, 35b1) which is presented as a material ring connected peripherally to the lower wall, and thus having a central opening (27).

10. A mould executed according to claim 9, wherein the annular surface defined by the material ring (35b, 35b1) occupies between $1/5$ and $4/5$ and preferably between $1/3$ and $2/3$ of the total surface of the bottom of the hollow piece.

11. A mould executed according to claims 9 or 10 wherein this bottom plate (11b, 11c, 11d etc.) is solid, removable in respect to the hollow piece and resting only on this material bottom ring (35b, 35b1) of the hollow piece.

12. A mould executed according to claims 9 or 10, wherein:

- internally, in the lower part of its side wall (3), the hollow piece (11) has at least one protruding lip (35a) extending above this material bottom ring (35b, 35b1) of the hollow piece, and
- the bottom plate (11d, 11f) is solid and wedged in place between the bottom wall and the protruding lip.

13. A mould according to claims 9 to 12, wherein the material bottom ring (35b1) of the hollow piece presents different thicknesses.

14. A mould executed according to claims 9 to 13, wherein externally the material bottom ring (35b1) of the hollow piece presents a surface that is essentially flat and internally a face with a ring-shaped shouldering (353), so that it is thicker in the periphery than in the central part, and the bottom plate (11f), placed on the hollow piece, approximately follows the shape defined by the aforesaid interior face of the material bottom ring, in such a way that this rigid bottom plate presents two opposite curvilinear faces between the center and the periphery.

15. A mould according to one of the previous claims, wherein it includes an upper rim (4) that extends towards the outside of the side wall (3), transversely to it, approximately at the level of the opening (5) of the hollow piece (1), and wherein at least one other rigid stiffener (7), which is annular or almost annular, and is connected to this upper rim (4), at a distance from the opening.

16. A mould according to one of the previous claims, wherein the hollow piece (1a) is a single block and made of silicone.

17. A method for turning out a culinary preparation from a mould according to one of the previous claims in which pressure is applied on the mould (1) tending to bring the level of the bottom wall (2) closer to that of the opening of the hollow piece, thus bending the side wall (3), wherein during this turning out process, the bottom wall goes above the level of the aforementioned opening (5).

18. A method according to claim 17, wherein while turning out, the operator continues to raise the bottom wall above the level of the aforementioned opening (5) until the side wall (3) bends upwards.

19. A method for turning out for a culinary preparation from a mould according to one of the previous claims 1 to 16 is wherein when the mould is inverted, pressure is applied to the stiffener(s) (7, 11, 11a, 11b etc.) in order to move the bottom (2) closer to the opening (5).